CBL-1001-02
Link Cable for multiple PCN-1001 configurations

Overview

The CBL-1001-02 Cable Kit is designed to be used when connecting three or more PCN-1001 Passenger Counters together.

This configuration is used when monitoring gates wider than 180 cm. In this case the user needs to install more than two Counters and it becomes necessary to supply additional power to the third Counter. The same connection has to be done for each Counter thereafter.

The kit has the following components:

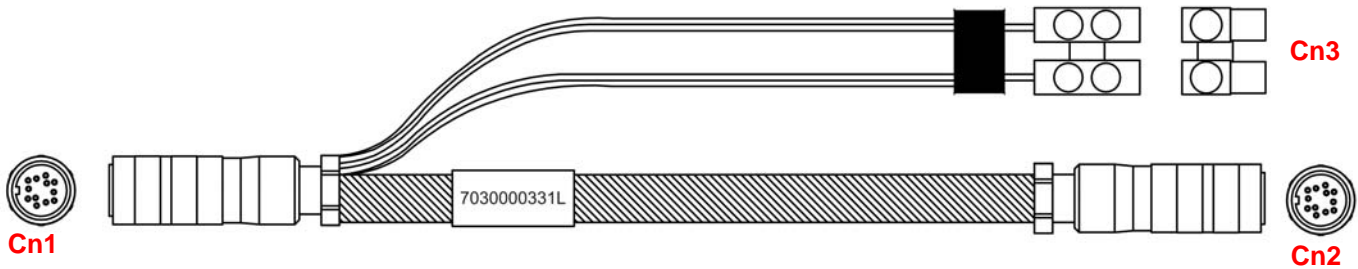- 1x 7030000331L Cable for Multiple Connection

All Cables and Connectors are fully RoHS compliant.

> **Note:**
> Users should refer to the relevant PCN-1001 documentation before attempting to use the system.
> This documentation is available for download from http://www.eurotech.com/en/download/PCN-1001

7030000331L Cable for Multiple Connection

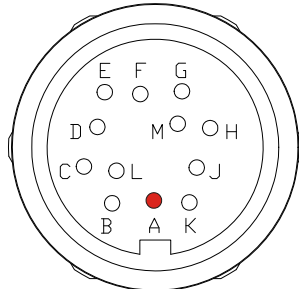### Connector Details

Name	Use	Type
Cn1	To M1 of 3rd PCN-1001	12-Pin Female Circular Connector Lumberg part number 032212
Cn2	To M2 of 2nd PCN-1001	12-Pin Male Circular Connector Lumberg part number 033212
Cn3	Power supply (Typical 12 or 24V dc)	2-way Nylon Terminal Block (screw terminals)

Cable length:
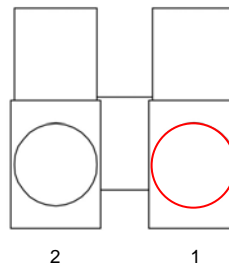- Signal cable: 1x 80 cm +/- 10%
- Red cable: 2x 40 cm +/- 10%
- Black cable: 2x 40 cm +/- 10%
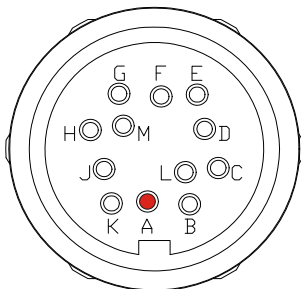
Cn1 – Female   Cn2 - Male   Cn3 – Terminal block

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CBL-1001-02

Connector Pinouts

Cn1 PIN #	SIGNAL	Cn2 PIN #	SIGNAL	Cn3 PIN #	SIGNAL	COLOUR
C	Digital IN1 +	C	Digital OUT 2 V +			
D	Digital IN1 -	D	Digital OUT 2			
E	Digital OUT 1 V+	E	Digital IN 2+			
F	Digital OUT 1	F	Digital IN 2 -			
G	Digital OUT 1 GND	G	Digital OUT 2 GND			
H	RS485_1 GND	H	RS485_2 GND			
J	RS485_1 +	J	RS485_2 +			
K	RS485_1 -	K	RS485_2 -			
A	Power supply +	A	Not connected	1	VIN+	Red
B	Power supply -	B	Not connected	2	VIN-	Black
L	Power supply +	L	Not connected	1	VIN+	Red
M	Power supply -	M	Not connected	2	VIN-	Black

Example of direct connection using the CBL-1001-02
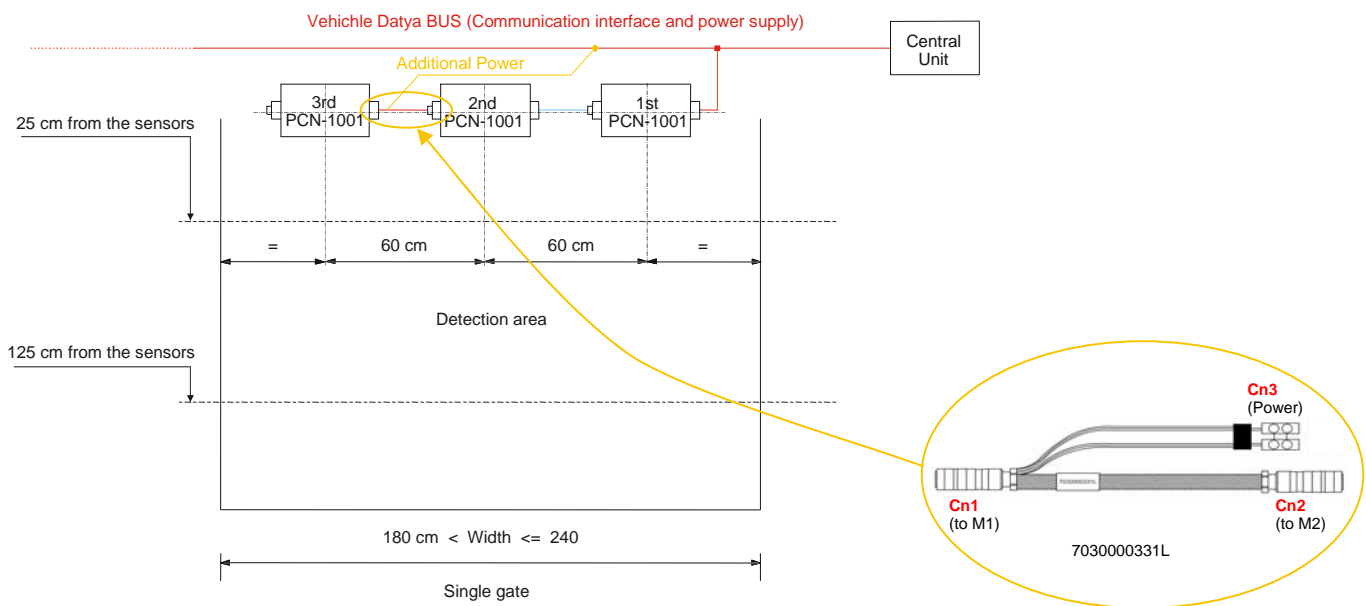
Related Part Numbers

ACCESSORY	DESCRIPTION	REFERENCE DOCUMENT
CBL-1001-00	Development Kit for the PCN-1001	Technical Datasheet Td0017
CBL-1001-01	Link Cable for double PCN-1001 configurations	Technical Datasheet Td0018
CBL-1001-02	Link Cable for multiple PCN-1001 configurations	This Technical Datasheet

Technical Datasheets can be downloaded from http://www.eurotech.com/en/Technical Datasheets.aspx